

"CLAIMS:"

1. A film comprising at least one layer made from a polymer composition, wherein the composition comprises:
 - (A) from 35 to 65 percent by weight of the composition of an ethylene polymer having a density of greater than or equal to about 0.94 g/cm³, a melt index from 0.001 to 1 grams/10 minutes, and
 - (B) from 35 to 65 percent by weight of the composition of an ethylene polymer having a density greater than or equal to about 0.94 g/cm³, a melt index from 50 to 700 grams/10 minutes.
- 10 2. The film of claim 1, wherein (A) comprises at least one homogeneously branched interpolymer having a molecular weight distribution (Mw /Mn) from 1.5 to 3.
3. The film of claim 1, wherein the film layer has a water vapor transmission rate, WVTR, of less than or equal to about 0.3 g-mil/(100 in² x day), as measured in accordance with
- 15 ASTM F 1249-90.
4. The film of claim 1 wherein (A) and (B) are each an ethylene homopolymer.
5. An ethylene homopolymer or interpolymer composition having a percentage fraction of a GPC-LS chromatogram which has a molecular weight equal to or greater than 1,000,000 as determined by gel permeation chromatography with a low angle laser light
- 20 scattering detector is at least 2.5 percent but no more than about 20 percent of the total area of the GPC-LS chromatogram.
6. An ethylene homopolymer or interpolymer composition having a percentage fraction of a GPC-RI chromatogram which has a molecular weight equal to or less than about 10,000 as determined by gel permeation chromatography with a differential refractometer is no more than about 25 percent but at least about 10 percent of the total area of the GPC-RI chromatogram.
- 25 7. The ethylene composition of claim 5 wherein the percentage fraction of a GPC-RI chromatogram which has a molecular weight equal to or less than about 10,000 as determined by gel permeation chromatography with a differential refractometer is no

more than about 25 percent but at least about 10 percent of the total area of the GPC-RI chromatogram.

8. The ethylene composition of Claim 7 wherein the percentage fraction of the GPC-LS chromatogram which has a molecular weight equal to or greater than 1,000,000 as determined by gel permeation chromatography with a low angle laser light scattering detector is equal to or less than about 15 percent of the total area of the GPC-LS chromatogram, and wherein the percentage fraction of a GPC-RI chromatogram which has a molecular weight equal to or less than about 10,000 as determined by gel permeation chromatography with a differential refractometer is equal to or greater than 10 about 15 percent of the total area of the GPC-RI chromatogram.
9. The ethylene composition of claim 7, wherein the percentage fraction of the GPC-LS chromatogram which has a molecular weight equal to or greater than 1,000,000 as determined by gel permeation chromatography with a low angle laser light scattering detector is equal to or less than about 10 percent of the total area of the GPC-LS chromatogram, and wherein the percentage fraction of the GPC-RI chromatogram which has a molecular weight equal to or less than about 10,000 as determined by gel permeation chromatography with a differential refractometer is equal to or greater than 15 about 20 percent of the total area of the GPC-RI chromatogram.
10. The ethylene composition of claim 7, wherein the percentage fraction of the GPC-RI chromatogram which has a molecular weight equal to or less than about 10,000 as determined by gel permeation chromatography with a differential refractometer is equal to or greater than about 15 percent of the total area of the GPC-RI chromatogram.
11. The ethylene composition of claim 7, wherein the percentage fraction of the GPC-RI chromatogram which has a molecular weight equal to or less than about 10,000 as determined by gel permeation chromatography with a differential refractometer is equal to or greater than about 20 percent of the total area of the GPC-RI chromatogram.
12. The ethylene composition of claim 7, wherein the percentage fraction of the GPC-LS chromatogram which has a molecular weight equal to or greater than 1,000,000 as determined by gel permeation chromatography with a low angle laser light scattering

detector is equal to or less than about 15 percent of the total area of the GPC-LS chromatogram.

13. The ethylene composition of claim 8, wherein the percentage fraction of the GPC-RI chromatogram which has a molecular weight equal to or less than about 10,000 as determined by gel permeation chromatography with a differential refractometer is equal to or greater than about 20 percent of the total area of the GPC-RI chromatogram.
- 5 14. The ethylene composition of claim 7, wherein the percentage fraction of the GPC-LS chromatogram which has a molecular weight equal to or greater than 1,000,000 as determined by gel permeation chromatography with a low angle laser light scattering detector is equal to or less than about 10 percent of the total area of the GPC-LS chromatogram.
- 10 15. The ethylene composition of claim 14, wherein the percentage fraction of the GPC-RI chromatogram which has a molecular weight equal to or less than about 10,000 as determined by gel permeation chromatography with a differential refractometer is equal to or greater than about 15 percent of the total area of the GPC-RI chromatogram.
- 15 16. A film comprising at least one layer made from the polymer composition of any one of the preceding claims.